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June 4, 2007

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MAIL STOP PCT
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

Re: National Phase in the U.S.
of International Patent Application No. PCT/GB2005/000080
Applicant : Solexa Limited
Inventors : Niall Anthony Gormley et al.
Title : NUCLEIC ACID CHARACTERISATION
Serial No. : 10/585,486
Filed : July 7, 2006
Our File : 2713-1-046PCT/US

EXPRESS MAIL "MAILING LABEL NO.": EV 708030268 US

DATE OF DEPOSIT : June 4, 2007

SUBMISSION OF MISSING REQUIREMENTS UNDER
35 U.S.C. 371 IN THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)

Dear Sir:

Responsive to the Notification of Missing Requirements under 35 U.S.C. 371 in the U.S.
Designated/Elected Office, copy enclosed, Applicants submit herewith the following:

1. A combined Declaration and Power of Attorney making reference to the above-identified Application, and in compliance with 37 CFR 1.497 (a) and (b).
2. A check in the amount of \$65.00 (Small Entity), representing the Surcharge under 37 CFR 1.492(h) for late filing of the executed Declaration and Power of Attorney.

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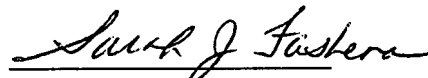
June 4, 2007

Page - 2 -

Our File: 2713-1-046PCT/US

Applicants hereby authorize that any charges in addition to the above authorized that relate to the filing and processing of the present Application in accordance with 37 CFR 1.16 and 1.17 may be charged to Deposit Account No. 11-1153. A duplicate copy of this letter is provided for this purpose.

Respectfully submitted,



Sarah J. Fashena, Ph.D.
Attorney for Applicant(s)
Registration No. 57,600

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Date: June 4, 2007



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|-----------------------------|-----------------------|------------------|
| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
| 10/585,486 | Niall Anthony Gormley | 2713-1-046PCT/US |

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|-------------------------------|---------------|
| INTERNATIONAL APPLICATION NO. | |
| PCT/GB05/00080 | |
| I.A. FILING DATE | PRIORITY DATE |
| 01/12/2005 | 01/12/2004 |

23565
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Due 6/2/07
Due 10/2/07

CONFIRMATION NO. 2239
 371 FORMALITIES LETTER

 OC00000023175124

Date Mailed: 04/02/2007

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 07/07/2006
- Copy of the International Search Report filed on 07/07/2006
- Copy of IPE Report filed on 07/07/2006
- Preliminary Amendments filed on 07/07/2006
- Information Disclosure Statements filed on 07/07/2006
- Biochemical Sequence Diskette filed on 07/07/2006
- Biochemical Sequence Listing filed on 07/07/2006
- Request for Immediate Examination filed on 07/07/2006
- U.S. Basic National Fees filed on 07/07/2006
- Priority Documents filed on 07/07/2006
- Specification filed on 07/07/2006
- Claims filed on 07/07/2006
- Abstracts filed on 07/07/2006
- Drawings filed on 07/07/2006

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 APR 05 2007
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The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

DOCKETED CP

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

DEBORAH D WILLIAMS

Telephone: (703) 308-9140 EXT 205

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/585,486 | PCT/GB05/00080 | 2713-1-046PCT/US |